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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,346	10/23/2001	Prathima Agrawal	1459-US	1318
9941	7590	10/03/2005	EXAMINER	
TELCORDIA TECHNOLOGIES, INC. ONE TELCORDIA DRIVE 5G116 PISCATAWAY, NJ 08854-4157			MEHRPOUR, NAGHMEH	
			ART UNIT	PAPER NUMBER
			2686	

DATE MAILED: 10/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/045,346

Applicant(s)

AGRAWAL ET AL.

Examiner

Naghmeh Mehrpour

Art Unit

2686

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on 20 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3, 5-8, 10-14, 16-20, 22 and 23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-8, 10-14, 16-20, 22 and 23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. **Claims 1-3, 5-8, 10-14, 16-20, 22**, are rejected under 35 U.S.C. 102(e) as being anticipated by Agrawal et al. (US Patent 6,208,864 B1).

Regarding **Claim 1**, Agrawal teaches a system for enabling a telephone subscriber to switch an on going telephone call between wireline services provided through a central office in the public switched telephone network and cellular services provided by a

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mobile switching center in a cellular network, the subscriber wireline and cellular telephone being assigned different telephone numbers (col 8 lines 65-67, col 9 lines 1-9), said system comprising:

a routing table located for identifying specific telephone subscribers entitled to switch telephone calls between wireline and wireless services (col 9 lines 48-54),

a look-up table that conventionally located in personal base station identifying the correspondence of said one specific telephone subscriber's wire line and a look-up table conventionally locate on HLR to identify cellular telephone numbers (col 8 lines 40-46);

a monitor circuit responsive to a unique signal during the on going telephone call that from one specific telephone subscriber indicating a desired transfer between said one specific telephone subscriber's wireline and cellular telephones (col 14 lines 10-45), and

switch means responsive to the monitor circuit for effecting the transfer of the on-going telephone call (col 14 lines 10-45).

Regarding **Claim 2**, Agrawal teaches a system for enabling a telephone subscriber to switch an on-going telephone call between wireline services provided through a central office in the public switched telephone network PSTN and cellular services provided by a mobile switching center MSC in a cellular network, wherein the corresponding of the specific subscriber's wireless and cellular telephone numbers are contained in a look up table is in said mobile switching center (col 8 lines 40-45, col 14 lines 50-57, col 15 lines 1-14).

Regarding **Claims 3, 19-20**, Agrawal teaches a system for enabling a telephone subscriber to switch an on-going telephone call between wireline services provided through a central office PSTN in the public switched network and cellular service provided by a mobile switching center in a cellular network comprising:

a fixed cellular mobility agent associated with said mobile switching center, the fixed mobility agent having switching and signaling capabilities (col 9 line 60-67), and wherein

said routing table is in said central office, an incoming call to one of said specific telephone subscribers being routed to said fixed cellular mobility agent in response to an output of said routing table when the incoming call is addresses to the one subscribers third number (col 9 lines 47-55); and

said fixed mobility agent obtaining from the look up table the one subscribers cellular mobility telephone number (col 10 lines 12-51);

said look up table, the monitor circuit, and the switch means are in the fixed cellular mobility agent (col 10 lines 12-51).

Regarding **Claim 5**, Agrawal teaches a system for enabling a telephone subscriber to switch an on-going telephone call between wireline services provided through a central office PSTN in the public switched network and cellular service provided by a mobile switching center 14 in a cellular network (col 12 lines 31-36);

identifying in a routing table in the central office specific telephone subscribers entitled to switch telephone calls between wireline and cellular services (col 13 lines 25-30);

providing a correspondence between the specific subscribers wireline and cellular telephone numbers (col 13 lines 30-35);

monitoring a signal from one of the specific telephone subscribers initiate a transfer between the subscribers wireline and cellular telephones the specific subscriber to initiate a call transfer between the subscriber's wireline and cellular telephones (col 14 lines 10-44); and

enabling a switch to affect the transfer in response to the monitored signal (col 14 lines 33-45).

Regarding **Claims 6, 8**, Agrawal inherently teaches a system for enabling a telephone subscriber to switch an on-going telephone call between wireline services provided through a central office in the public switched telephone network PSTN and cellular services provided by a mobile switching center MSC in a cellular network , wherein the corresponding of the specific subscriber's wireless and cellular telephone numbers are contained in a look up table is in said mobile switching center (col 11 lines 62-67, col 12 lines 1-62).

Regarding **Claims 7**, Agrawal inherently teaches a method in accordance wherein the enabling step is performed by the mobile switching center (col 12 lines 30-37).

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Regarding **Claim 10**, Agrawal teaches a system for enabling a telephone subscriber to switch a telephone call between wireline services provided through a central office in the public switched telephone network and cellular services provided by a mobile switching center in a cellular network, the subscriber wireline and cellular telephone being assigned different telephone numbers (col 9 lines 15-17), said system comprising:

establishing a call connection to the one of the subscriber telephones (col 11 lines 15-18);

monitoring a call connection to a subscriber entitled to switch calls between that subscribers wireline and cellular telephones to detect a request signal for such a transfer (col 12 lines 30-36);

obtaining the telephone number of that one the subscribers wireline and cellular telephone call (col 12 lines 45-47); and

responsive to a signal from the subscriber during the connection to one of the subscribers telephone, switching the telephone call to the one of the subscribers wireline or cellular telephones and terminating the connection to the other subscribers wireline or cellular telephones (col 12 lines 45-47).

Regarding **Claims 11, 18**, Agrawal teaches a method in accordance wherein the enabling step is performed by the mobile switching center (col 10 lines 60-67).

Regarding **Claim 12**, Agrawal teaches a method the connection to the subscriber is through a fixed cellular mobility agent and the monitoring step alerts the fixed cellular mobility agent to the request (col 10 lines 13-60).

Regarding **Claim 13**, Agrawal teaches a method wherein the establishing, switching and terminating steps are performed by the fixed cellular mobility agent (col 10 lines 13-60).

Regarding **Claim 14**, Agrawal teaches a system for enabling a telephone subscriber to switch telephone call between wireline services provided through a central office PSTN in the public switched network and cellular service provided by a mobile switching center in a cellular network after the telephone call has been initially routed to the telephone subscriber (col 9 lines 15-17), comprising:

fixed cellular mobility agent having the functionality of a central office and coupled to the mobile switching center, and fixed cellular mobility agent (col 10 lines 60-67) comprising:

means for establishing a connection (col 9 lines 39-47);

means for monitoring and detecting a request from the one subscriber during the already established connection to transfer the call connection to the other of the subscribers wireline or cellular telephone (col 9 lines 39-47); and

means for switching the connection in response to the request (col 10 lines 12-51).



Regarding **Claim 16**, Agrawal teaches a system for enabling a telephone subscriber to switch on-going telephone call between wireline and cellular telephones to the other of the subscribers telephones, the subscriber wireline and cellular telephone being assigned different telephone numbers, the method (col 9 lines 15-17), comprising:

monitoring a call connection to one of the subscribers telephone to detect a request by the subscriber to switch the connection between the subscribers telephones (col 12 lines 43-45);

obtaining the telephone number of the other of the subscribers telephones (col 12 lines 47-48);

initiating an outgoing call from the other of the subscribers telephones (col 12 lines 57-58);

establishing a connection to the other subscribers telephones (col 12 lines 57-58); and

bridging the connections to the one and the other of the subscribers telephones and terminating the connection to the one of the subscribers telephones (col 12 lines 55-58).

Regarding **Claim 17**, Agrawal teaches a method wherein comprising:

alerting a mobile switching center in a cellular network of the detection of the request by the monitoring step (col 12 lines 44-46); and

wherein the initiating step is effected by the mobile switching center (col 12 lines 46-50).

Regarding **Claim 22**, Agrawal teaches a method a system/method in accordance wherein the look-up table identifies the correspondence between the one telephone subscribers wireline telephone number, the cellular telephone number, and a third number for calls to the one subscribers cellular telephone than can be transferred during the on-going telephone call to the one subscribers fixed telephone (col 12 lines 64-67).

Regarding **Claim 23**, Agrawal teaches a method a system/method in accordance wherein the look-up table identifies the correspondence between the one telephone subscribers wireline telephone number, the cellular telephone number, and a third number for calls to the one subscribers cellular telephone than can be transferred during the on-going telephone call to the one subscribers fixed telephone (col 9 lines 15-17, col 12 lines 64-67, col 13 lines 1-38).

### ***Response to Arguments***

3. Applicant's arguments with respect to claims 1-3, 5-8, 10-14, 16-20, 22-23, have been considered but are moot in view of the new ground of rejection.

### **Conclusion**

4. **Any responses to this action should be mailed to:**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Naghmeh Mehrpour whose telephone number is 571-272-7913. The examiner can normally be reached on 8:00- 6:00.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold be reached (571) 272-7905.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

NM

September 19, 2005



**NAGHMEH MEHROUR**  
**PATENT EXAMINER**